INVENTOR SEARCH

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FILE LAST UPDATED: 29 Oct 2007 (20071029/ED)

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'OBI' IS DEFAULT SEARCH FIELD FOR 'CAPLUS' FILE

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L8   2263 SEA FILE=REGISTRY ABB=ON L7 AND P/ELS
L9   STR
L12   6557 SEA FILE=REGISTRY SUB=L7 SSS FUL L9
L13   6525 SEA FILE=REGISTRY ABB=ON L12/COMPLETE
L14   401 SEA FILE=REGISTRY ABB=ON L8 AND L13
L15   6492 SEA FILE=REGISTRY ABB=ON L13 AND S/ELS
L16   368 SEA FILE=REGISTRY ABB=ON L14 AND L15
L19   STR
L22   35 SEA FILE=REGISTRY SUB=L7 SSS FUL L19
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L32   15129 SEA FILE=REGISTRY ABB=ON L7 AND C3H5NO
L33   5691 SEA FILE=REGISTRY ABB=ON L7 AND C7H13NO4S
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L58   178191 SEA FILE=CAPLUS ABB=ON L54 AND (PY<2005 OR AY<2005 OR
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L68      105332 SEA FILE=CAPLUS ABB=ON   L7
L69           4 SEA FILE=CAPLUS ABB=ON   L67 AND L68
L70       73100 SEA FILE=CAPLUS ABB=ON   ELECTRIC CONDUCTORS/CT
L71          14 SEA FILE=CAPLUS ABB=ON   L56 AND L70
L72         172 SEA FILE=CAPLUS ABB=ON   L14
L73           3 SEA FILE=CAPLUS ABB=ON   L72 AND L70
L74        4594 SEA FILE=CAPLUS ABB=ON   L51(L)TEM/RL
L75         363 SEA FILE=CAPLUS ABB=ON   L52(L)TEM/RL
L76       14559 SEA FILE=CAPLUS ABB=ON   (L72 OR L60 OR L54)(L)TEM/RL
L78           6 SEA FILE=CAPLUS ABB=ON   L74 AND L75 AND L76
L79          16 SEA FILE=CAPLUS ABB=ON   (L1 OR L2) AND (L68 OR L48 OR L49 OR
                 L50 OR L59 OR L61 OR L69 OR L71 OR L73 OR L78)


=> d ibib abs hitind hitstr 179 1-16


L79  ANSWER 1 OF 16   CAPLUS   COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER:        2007:937755  CAPLUS  Full-text
DOCUMENT NUMBER:         147:278498
TITLE:                   Compositions containing N-phosphonyl
                         (meth)acrylamides, their polymers, and application and
                         manufacture of the compositions and polymers
INVENTOR(S):             Kanzaki, Yoshio
PATENT ASSIGNEE(S):      Uni-Chemical Co., Ltd., Japan
SOURCE:                  Jpn. Kokai Tokkyo Koho, 63pp.
                         CODEN: JKXXAF
DOCUMENT TYPE:           Patent
LANGUAGE:                Japanese
FAMILY ACC. NUM. COUNT:  1
PATENT INFORMATION:


     PATENT NO.          KIND  DATE      APPLICATION NO.        DATE
     ---------------     ----  --------  --------------------   --------
     JP 2007211146       A     20070823  JP 2006-33100          20060209
PRIORITY APPLN. INFO.:                   JP 2006-33100          20060209
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AB   The compns., useful as emulsifiers and solubilizers for rubbers, contain $CH_2:CR1aCONR2aXaOR3a$ (R1a = H, Me; R2a = H, hydrocarbyl; XaOR3a = phosphate residue), $CH_2:CR1bCON(XbOH)XcOR3b$ (R1b = H, Me; XbOH = phosphoric acid residue; XcOR3b = phosphate residue), and/or $CH_2:CR1cCON(XdOR3c)XeOR3d$ (R1c = H, Me; XdOR3c, XeOR3d = phosphate residue). The polymers are useful for conductive resins as binders for conductive metal pastes. Thus, $CH_2:CHCONH_2$ was amidated with anhydrous H_3PO_4 and esterified with Nonion NS 202 (nonylphenylethoxyethanol) to give a composition containing $CH_2:CHCON[P(O)(OH)_2]P(O)(OH)OR$ (R = nonylphenylethoxyethyl) and $CH_2:CHCON[P(O)(OH)_2]_2$. Vinyl acetate was mixed with the composition, water, and an aqueous ammonium persulfate solution, and emulsion-polymerized without separation and blocking to give a dispersion showing no apparent change after storage at room temperature for 1 mo.

CC   37-3 (Plastics Manufacture and Processing)
     Section cross-reference(s): 35, 38, 39, 76

IT   Electric conductors
         (films; manufacture of N-phosphonyl (meth)acrylamide compns. as emulsifiers
         and rubber solubilizers and their polymers for conductive films and
         binders for conductive metal pastes)

IT   946492-01-9P, Acrylamide-N,N-diphosphonic acid-oxirane-vinyl

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L1             1 SEA ABB=ON  US2006-590569/AP
                    D SCAN
L2           294 SEA ABB=ON  KANZAKI Y?/AU
                    SEL RN L1

          FILE 'REGISTRY' ENTERED AT 14:11:14 ON 30 OCT 2007
L3            27 SEA ABB=ON  (28497-59-8/BI OR 863207-64-1/BI OR 863207-65-2/BI
                    OR 863207-66-3/BI OR 107-13-1/BI OR 1314-56-3/BI OR 15214-89-8/
                    BI OR 24599-21-1/BI OR 25014-41-9/BI OR 25067-61-2/BI OR
                    25086-48-0/BI OR 25087-26-7/BI OR 79-06-1/BI OR 79-41-4/BI OR
                    863207-68-5/BI OR 863207-69-6/BI OR 863496-24-6/BI OR 9002-86-2
                    /BI OR 9002-89-5/BI OR 9003-01-4/BI OR 9003-05-8/BI OR
                    9003-08-1/BI OR 9003-17-2/BI OR 9003-20-7/BI OR 9003-53-6/BI
                    OR 9004-34-6/BI OR 95175-93-2/BI)
                    D SCAN

          FILE 'STNGUIDE' ENTERED AT 14:12:05 ON 30 OCT 2007

          FILE 'REGISTRY' ENTERED AT 14:15:57 ON 30 OCT 2007
L4                 STR
L5            50 SEA SSS SAM L4
L6        720247 SEA SSS FUL L4 EXTEND
L7         80221 SEA SSS FUL L4
L8          2263 SEA ABB=ON  L7 AND P/ELS
L9                 STR L4
L10           50 SEA SUB=L7 SSS SAM L9
L11        36154 SEA SUB=L7 SSS FUL L9 EXTEND
L12         6557 SEA SUB=L7 SSS FUL L9
L13         6525 SEA ABB=ON  L12/COMPLETE
                    SAVE TEMP L13 KHA569SUB1/A
L14          401 SEA ABB=ON  L8 AND L13
                    SAVE TEMP L14 KHA569SUB2/A
L15         6492 SEA ABB=ON  L13 AND S/ELS
                    SAVE TEMP L15 KHA569SUB3/A
L16          368 SEA ABB=ON  L14 AND L15
L17           22 SEA ABB=ON  H3O4P/MF
                    D SCAN
L18            0 SEA ABB=ON  L17 AND L3
                    D QUE L13
L19                STR L9
L20            2 SEA SUB=L7 SSS SAM L19
                    D SCAN
L21           63 SEA SUB=L7 SSS FUL L19 EXTEND
L22           35 SEA SUB=L7 SSS FUL L19
                    SAVE TEMP L22 KHA569SUB4/A

          FILE 'LREGISTRY' ENTERED AT 14:32:49 ON 30 OCT 2007
L23          191 SEA ABB=ON  H3O4P

          FILE 'REGISTRY' ENTERED AT 14:33:20 ON 30 OCT 2007
L24        15918 SEA ABB=ON  H3O4P
L25           77 SEA ABB=ON  L15 AND L24
                    SAVE TEMP L25 KHA569SUB5/A
L26            0 SEA ABB=ON  L25 AND L3
L27            2 SEA ABB=ON  L15 AND L3
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                    D SCAN
L28             2 SEA ABB=ON   L16 NOT NC>1
                    D SCAN
                    SAVE TEMP L28 KHA569SUB6/A
L29            17 SEA ABB=ON   L16 AND 2/NC
                    D SCAN
L30             9 SEA ABB=ON   L7 AND L3
L31             3 SEA ABB=ON   L30 NOT (L22 OR L28)
                    D SCAN
L32         15129 SEA ABB=ON   L7 AND C3H5NO
L33          5691 SEA ABB=ON   L7 AND C7H13NO4S
L34            30 SEA ABB=ON   L24 AND L32
L35            77 SEA ABB=ON   L24 AND L33
L36             0 SEA ABB=ON   L34 AND L35
L37             0 SEA ABB=ON   L34 AND NC<2
L38             1 SEA ABB=ON   L34 AND NC<3
                    D SCAN
                    SAVE TEMP L38 KHA569SUB7/A
L39             0 SEA ABB=ON   L35 AND NC<3
                    D SCAN L3
L40            21 SEA ABB=ON   L3 NOT (L22 OR L28 OR L38)
                    D SCAN
L41             2 SEA ABB=ON   L32 AND L40
                    D SCAN
L42            19 SEA ABB=ON   L32 AND NC<2
L43             2 SEA ABB=ON   L41 AND L42
                    SAVE TEMP L42 KHA569SUB8/A
                    D SCAN L38
L44            29 SEA ABB=ON   L33 AND NC<2
                    SAVE TEMP L44 KHA569SUB9/A
L45           190 SEA ABB=ON   L7 AND L24
L46             4 SEA ABB=ON   L45 AND NC<3
                    D SCAN
L47             1 SEA ABB=ON   L46 AND (L22 OR L28 OR L38 OR L42 OR L44)
                    D SCAN


        FILE 'CAPLUS' ENTERED AT 14:54:01 ON 30 OCT 2007
L48             4 SEA ABB=ON   L22
L49             1 SEA ABB=ON   L28
L50             2 SEA ABB=ON   L38
L51         40077 SEA ABB=ON   L42
L52          1897 SEA ABB=ON   L44
L53         72473 SEA ABB=ON   L17
L54        198912 SEA ABB=ON   L24
L55             0 SEA ABB=ON   L53 NOT L54
L56          1331 SEA ABB=ON   (L51 OR L52) AND L54
L57             6 SEA ABB=ON   (L48 OR L49 OR L50)
L58        178191 SEA ABB=ON   L54 AND (PY<2005 OR AY<2005 OR PRY<2005)
L59            27 SEA ABB=ON   L58 AND L51 AND L52
                    D SCAN L1
L60         12148 SEA ABB=ON   POLYPHOSPHORIC ACIDS/CT
                    E POLYVINYL BUTYRALS+ALL/CT
L61            38 SEA ABB=ON   L58 AND (L51 OR L52) AND L60
L62            37 SEA ABB=ON   L61 NOT (L48 OR L49 OR L50 OR L59 OR L1)
                    D QUE NOS L61
                    D SCAN L1
L63         43001 SEA ABB=ON   (VINYL OR POLYVINYL)/CW
L64             7 SEA ABB=ON   L58 AND (L51 OR L52) AND L60 AND L63
L65           122 SEA ABB=ON   L60 AND L63
                    E POLYAMIDE/CT
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                      E  POLYAMIDES/CT
                      E  E3+ALL

          FILE 'STNGUIDE' ENTERED AT 15:03:19 ON 30 OCT 2007

          FILE 'CAPLUS' ENTERED AT 15:04:34 ON 30 OCT 2007
L66      102758 SEA ABB=ON  POLYAMIDES/CT
                      E  POLYACRYLAMIDES/CT
                      E  POLYACRYLAMIDE/CT
                      E  E3+ALL
L67          27 SEA ABB=ON  L60 AND L63 AND L66
                      D QUE
L68      105332 SEA ABB=ON  L7
L69           4 SEA ABB=ON  L67 AND L68
                      D QUE L61
                      D SCAN L1
L70       73100 SEA ABB=ON  ELECTRIC CONDUCTORS/CT
L71          14 SEA ABB=ON  L56 AND L70
L72         172 SEA ABB=ON  L14
L73           3 SEA ABB=ON  L72 AND L70
L74        4594 SEA ABB=ON  L51(L)TEM/RL
L75         363 SEA ABB=ON  L52(L)TEM/RL
L76       14559 SEA ABB=ON  (L72 OR L60 OR L54)(L)TEM/RL
L77         174 SEA ABB=ON  (L74 OR L75) AND L76
L78           6 SEA ABB=ON  L74 AND L75 AND L76

          FILE 'CAPLUS' ENTERED AT 15:12:53 ON 30 OCT 2007
L79          16 SEA ABB=ON  (L1 OR L2) AND (L68 OR L48 OR L49 OR L50 OR L59 OR
                 L61 OR L69 OR L71 OR L73 OR L78)
                      D QUE NOS L79
                      D IBIB ABS HITIND HITSTR L79 1-16

          FILE 'REGISTRY' ENTERED AT 15:14:40 ON 30 OCT 2007
                      D STAT QUE L14
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                      D STAT QUE L38
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          FILE 'CAPLUS' ENTERED AT 15:15:15 ON 30 OCT 2007
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                      D QUE NOS L50
                      D QUE NOS L59
                      D QUE NOS L61
                      D QUE NOS L69
                      D QUE NOS L71
                      D QUE NOS L73
                      D QUE NOS L78
L80          83 SEA ABB=ON  (L48 OR L49 OR L50 OR L59 OR L61 OR L69 OR L71 OR
                 L73 OR L78) NOT L79
L81          47 SEA ABB=ON  (L48 OR L49 OR L50 OR L59 OR L69 OR L71 OR L73 OR
                 L78) NOT L79
L82           2 SEA ABB=ON  L61 AND (L48 OR L49 OR L50 OR L59 OR L69 OR L71 OR
                 L73 OR L78)
L83           1 SEA ABB=ON  L82 NOT L79
                      D QUE L61
L84      331165 SEA ABB=ON  CONDUCTIV?/OBI
L85      475893 SEA ABB=ON  CONDUCT?/OBI
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                E COATING/CT
                E E12+ALL
L86    482943 SEA ABB=ON  COATING#/CW
L87         8 SEA ABB=ON  L61 AND (L85 OR L86)
                D QUE L87
L88        54 SEA ABB=ON  (L48 OR L49 OR L50 OR L59 OR L69 OR L71 OR L73 OR
                L78 OR L87) NOT L79
                D IBIB ABS HITIND HITSTR L88 1-54


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                D QUE NOS L73
                D QUE NOS L78
                D STAT QUE L14
                D STAT QUE L22
                D STAT QUE L28
                D STAT QUE L38
                D STAT QUE L42
                D STAT QUE L44


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